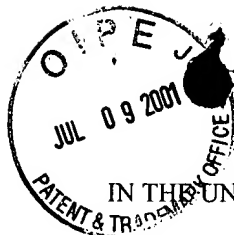


DPH:kfd  
July 6, 2001



#5  
PATENT APPLICATION  
DOCKET NO.: JHUC-P04-010

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Beachy, et al.

Application No.: 09/708,964

Group Art Unit: 1614

Date Filed: November 8, 2000

Examiner: Not Yet Assigned

Title: INHIBITORS OF HEDGEHOG SIGNALING PATHWAYS, COMPOSITIONS AND USES  
RELATED THERETO

**CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to Assistant Commissioner for Patents, Washington, D.C. 20231

on July 6, 2001  
Date

Karen G. Rees  
Signature

**CHANGE OF ATTORNEY DOCKET NUMBER**

Assistant Commissioner for Patents  
Washington, DC 20231

Dear Sir:

Please note that the Attorney Docket Number has been changed from  
JHV-010.04 to JHUC-P04-010. Please reference JHUC-P04-010 on all future correspondence.

Respectfully submitted,

ROPES AND GRAY

By David P. Halstead

David P. Halstead

Registration No.: 44,735

Telephone: (617) 951-7000

Facsimile: (617) 951-7050

Boston, Massachusetts 02110

Dated: July 6, 2001

Response To Notice To File Missing Parts Of Application  
Filing Date Granted (PTO-1533)(Small Entity)

Docket No. **JHUC-P04-010**

In Re Application Of: **Beachy, et al.**

Serial No.  
**09/708,964**

Filing Date  
**November 8, 2000**

Examiner  
**Not Yet Assigned**

Group Art Unit  
**1614**

Invention: **Inhibitors of Hedgehog Signaling Pathways, Compositions and Uses Related Thereto**



TO THE ASSISTANT COMMISSIONER FOR PATENTS:

Box Missing Parts

This is a response to the Notice to File Missing Parts of Application - Filing Date Granted (PTO-1533) mailed on  
April 4, 2001  
Date

Enclosed herewith for filing are the following:

- ☒ A copy of the Notice to File Missing Parts of Application - Filing Date Granted (PTO-1533). **(REQUIRED)**
- ☒ An oath or declaration in compliance with 37 CFR 1.63, including residence information and identifying the application by the above Application Number and Filing Date.
- ☐ A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date.
- ☐ An oath or declaration in compliance with 37 CFR 1.63 listing the names of all inventors and signed by the omitted inventor(s), identifying this application by the above Application Number and Filing Date.
- ☐ A verified English translation of the non-English language application papers as originally filed. It is requested that this translation be used as the copy for examination purposes in the United States Patent and Trademark Office.
- ☐ \_\_\_\_\_ verified small entity declaration(s)
  - ☐ is/are attached.
  - ☐ was/were filed on \_\_\_\_\_
- ☐ A separate request for refund.
- ☒ Other (list):

**APPLICANT IS ENTITLED TO CLAIM SMALL ENTITY STATUS.**

07/11/2001 BSA YAS11 00000046 181945 09708964  
03 F0:216 195.00 CH

**Response To Notice To File Missing Parts Of Application  
Filing Date Granted (PTO-1533)(Small Entity)**

Docket No.  
**JHUC-P04-010**

In Re Application Of: **Beachy, et al.**

Serial No.  
09/708,964

Filing Date  
November 8, 2000

Examiner  
Not Yet Assigned

Group Art Unit  
1614

**Invention: Inhibitors of Hedgehog Signaling Pathways, Compositions and Uses Related Thereto**

TO THE ASSISTANT COMMISSIONER FOR PATENTS:

Attention: Manager, Application Branch

☒ Completion of application fees as calculated below:

<input checked="" type="checkbox"/> Utility application filing fee	\$355.00
--	----------

☐ Design application filing fee

☒ Total number of independent claims = **4** **\$40.00**

☒ Total number of claims = 37 \$153.00

<input checked="" type="checkbox"/> Multiple dependent claims	\$135.00
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<input checked="" type="checkbox"/> Surcharge for late payment of filing fee and/or late filing of original declaration or oath	<b>\$65.00</b>
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☐ Petition and fee for filing by other than all the inventors or a person not the inventor

☐ Fee for processing an application filed with a non-English language specification

☐ Fee for processing and retention of application

**Total completion of application fees \$748.00**

This is a request under the provisions of 37 CFR 1.136(a) to extend the period for filing a response to the above-identified Notice to File Missing Parts of Application. The requested extension is as follows (check time period desired). If an additional time extension is required, please consider this a petition therefor.

☐ One month      ☒ Two months      ☐ Three months      ☐ Four months      ☐ Five months

from: June 4, 2001  
Date

until: August 4, 2001  
Date

**Total time extension fees                      \$195.00**

**Total fees due                      \$943.00**

**Response To Notice To File Missing Parts Of Application  
Filing Date Granted (PTO-1533) (Small Entity)**

Docket No.  
**JHUC-P04-010**

In Re Application Of: **Beachy, et al.**

Serial No.  
**09/708,964**

Filing Date  
**November 8, 2000**

Examiner  
**Not Yet Assigned**

Group Art Unit  
**1614**

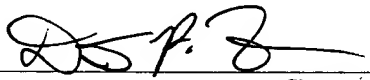
Invention: **Inhibitors of Hedgehog Signaling Pathways, Compositions and Uses Related Thereto**

TO THE ASSISTANT COMMISSIONER FOR PATENTS:

Attention: Manager, Application Branch

The fee of **\$943.00** is to be paid as follows:

- ☐ A check in the amount of the fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account No. **18-1945**.  
A duplicate copy of this sheet is enclosed.
- ☒ If an additional extension of time is required, please consider this a petition therefor and charge any additional fees which may be required to Deposit Account No. **18-1945**.  
A duplicate copy of this sheet is enclosed.

  
Signature

**David P. Halstead  
Reg. No. 44,735  
Ropes & Gray  
Patent Group  
One International Place  
Boston, MA 02110**

Dated: *July 6, 2001*

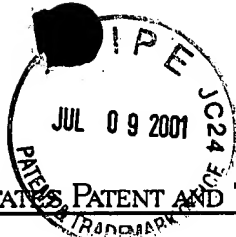
I certify that this document and fee is being deposited  
on *7/6/01* with the U.S. Postal Service as  
first class mail under 37 C.F.R. 1.8 and is addressed to the  
Assistant Commissioner for Patents, Washington, D.C.  
20231.

  
Signature of Person Mailing Correspondence

**Karen DiRocco**

Typed or Printed Name of Person Mailing Correspondence

cc:



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/708,964	11/08/2000	Philip A. Beachy	JHV-010.04

CONFIRMATION NO. 3944

FORMALITIES LETTER



\*OC000000005934973\*

Patent Group  
Foley Hoag & Eliot LLP  
One Post Office Square  
Boston, MA 02109-2170

Date Mailed: 04/04/2001

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

07/11/2001 BSAYASII 00000046 181945 09708964

FILED UNDER 37 CFR 1.53(b)

01 FC:201	355.00 CH
02 FC:202	40.00 CH
03 FC:203	153.00 CH
04 FC:204	135.00 CH
05 FC:205	65.00 CH

*Filing Date Granted*

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.  
*Applicant must submit \$ 710 to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27).*
- Total additional claim fee(s) for this application is \$576.
  - \$306 for 17 total claims over 20.
  - \$270 for multiple dependent claim surcharge.
- The oath or declaration is missing.  
*A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- **The balance due by applicant is \$ 1416.**

*A copy of this notice **MUST** be returned with the reply.*

Customer Service Center  
Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE